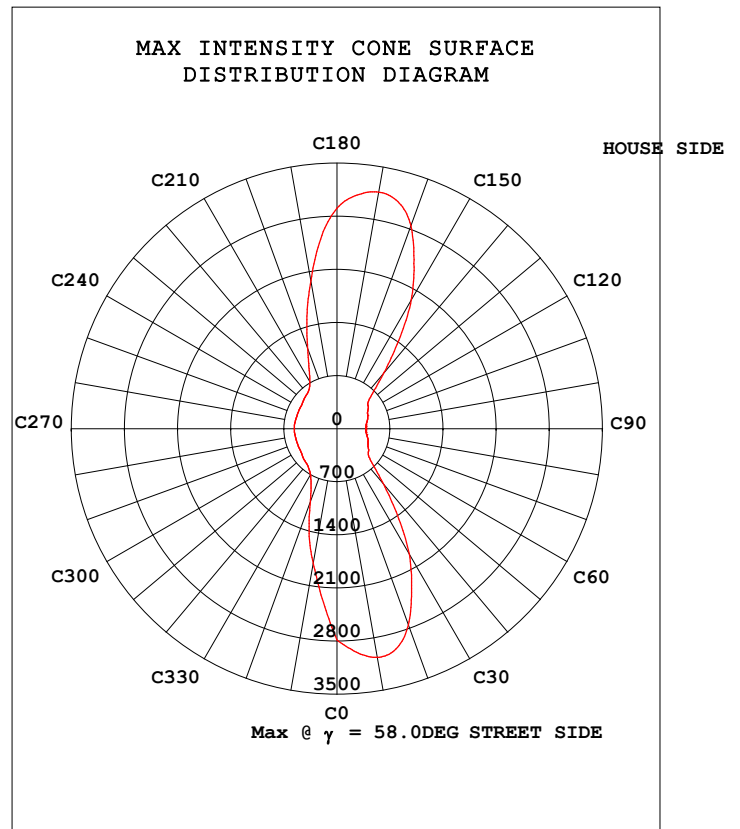
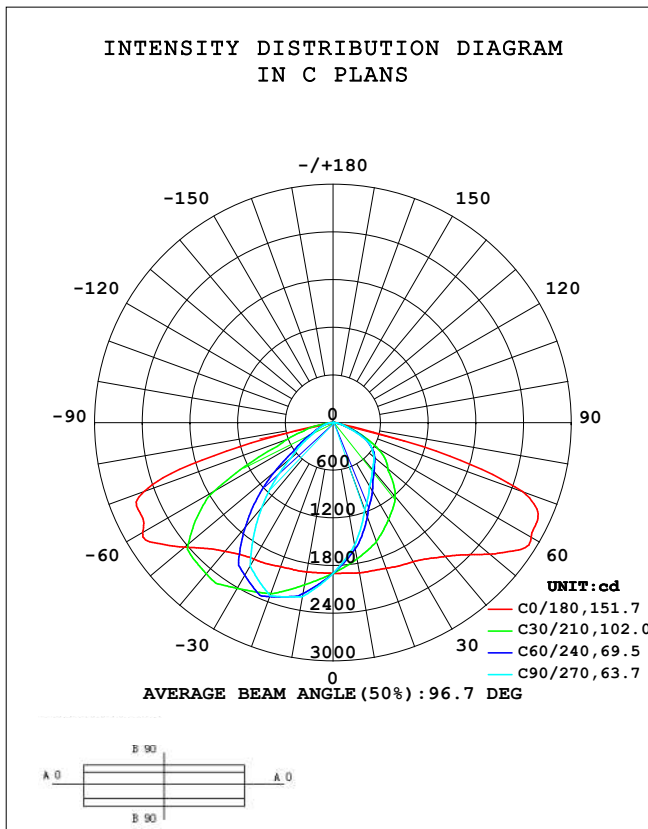


STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:220.9V I:0.1910A P:40.64W PF:0.9635 Lamp Flux:6120.33x1 lm		
NAME: OPCITYIII-40W-4070-6C1T2M-0610	TYPE:LED	WEIGHT:
SPEC.:	DIM.: 0.44X0.195X0.04	SERIAL No.:1
MFR.: LUXSUN	SUR.:0.16X0.12	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 150.59 lm/W			
MODEL	LED	Imax (cd)	3168	η street_up (%)	0.0
NOMINAL POWER (W)	40	LOR (%)	100.0	η street_down (%)	50.5
RATED VOLTAGE (V)	220	TOTAL FLUX (lm)	6120	η house_up (%)	0.0
NOMINAL FLUX (lm)	6120.33	MAXIMUM @ (C, γ)	170,58.0	η house_down (%)	49.5
LAMPS INSIDE	1	η up (%)	0.0	76 FLASHAREA (m2)	0.00100
TEST VOLTAGE (V)	220	η down (%)	100.0	SLI	17.796



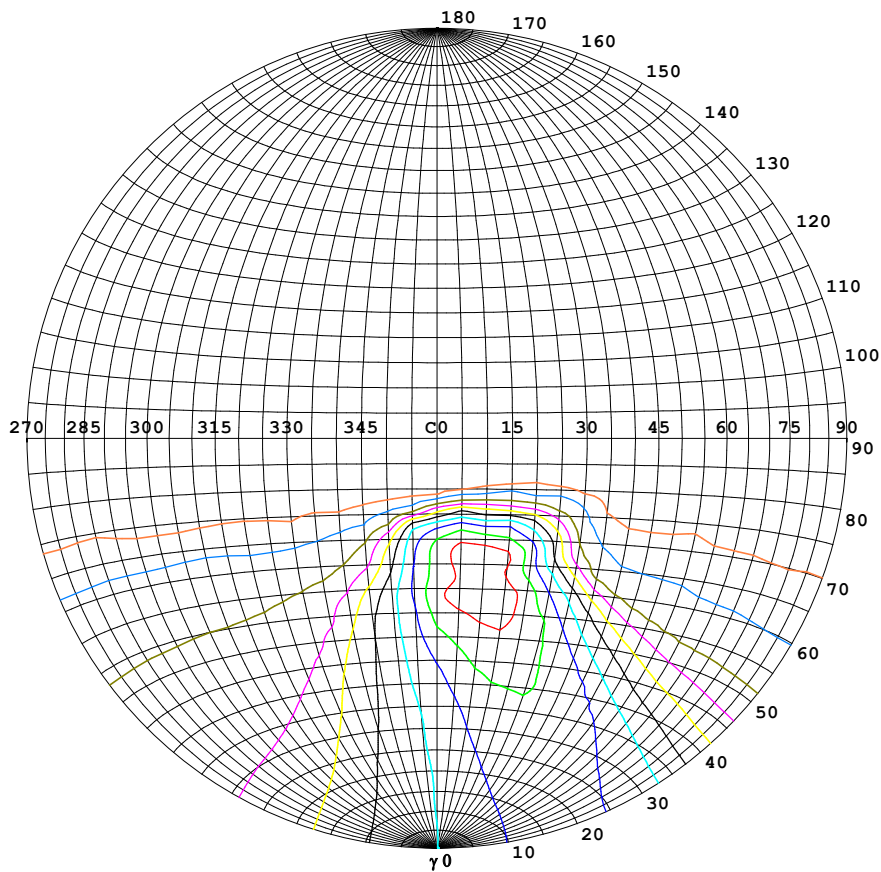
C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators:
Test Date: 2022-08-24

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.351
Humidity: 65.0%
Test Distance: 7.370m [K=1.0000]
Remarks:

Note: SLI: Specific Luminaire Index

STREETLIGHT ISOCANDELA DIAGRAM

Test:U:220.9V I:0.1910A P:40.64W PF:0.9635 Lamp Flux:6120.33x1 lm		
NAME: OPCITYIII-40W-4070-6C1T2M-0610	TYPE:LED	WEIGHT:
SPEC.:	DIM.: 0.44X0.195X0.04	SERIAL No.:1
MFR.: LUXSUN	SUR.:0.16X0.12	Shielding Angle:



Classification:

IES:Type IV - Short

CIE:Broad - Short

IES:Cut-off

CIE:Semi-cut-off

Max.At80:44.23cd/klm

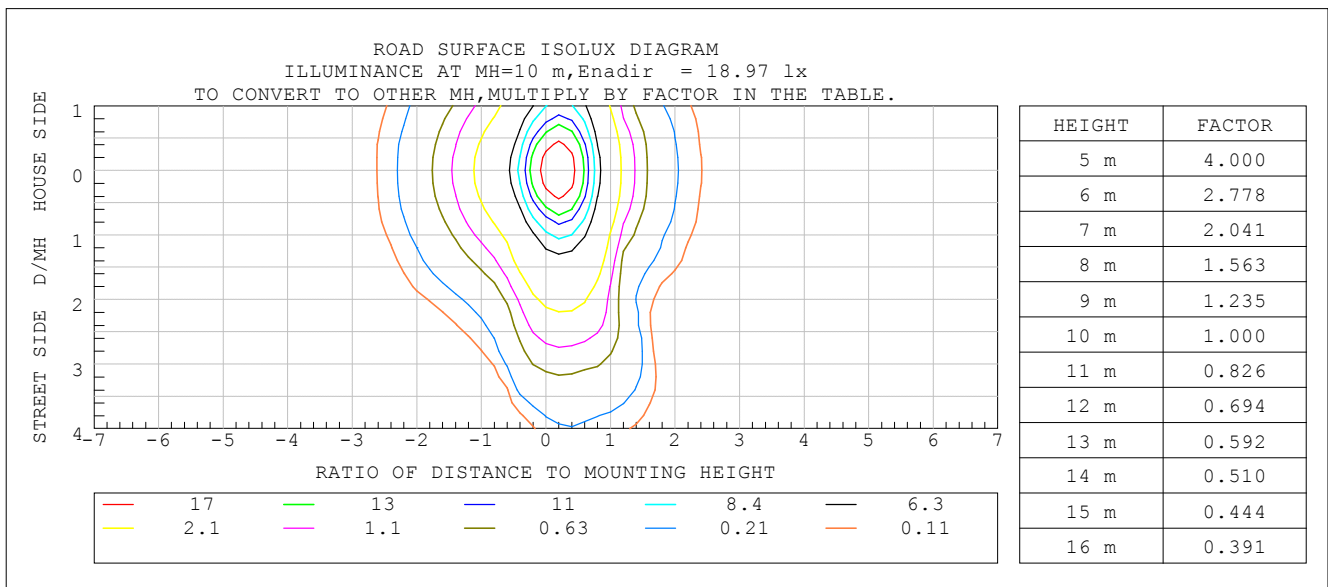
Max.At90:4.238cd/klm

Max.80-90:44.23cd/klm

ISOCANDELA DIAGRAM	
UNIT	cd
I _{max} =100%	3168
90%	2851
80%	2535
70%	2218
60%	1901
50%	1584
40%	1267
30%	950
20%	634
10%	317
5%	158

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2022-08-24

γ Range: 0 - 90DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.351
Humidity:65.0%
Test Distance:7.370m [K=1.0000]
Remarks:

COEFFICIENT OF UTILIZATION CURVE
AND ISOLUX DIAGRAM

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators:
Test Date: 2022-08-24

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.351
Humidity: 65.0%
Test Distance: 7.370m [K=1.0000]
Remarks:

ZONAL FLUX DIAGRAM

Test:U:220.9V I:0.1910A P:40.64W PF:0.9635 Lamp Flux:6120.33x1 lm		
NAME: OPCITYIII-40W-4070-6C1T2M-0610	TYPE:LED	WEIGHT:
SPEC.:	DIM.: 0.44X0.195X0.04	SERIAL No.:1
MFR.: LUXSUN	SUR.:0.16X0.12	Shielding Angle:

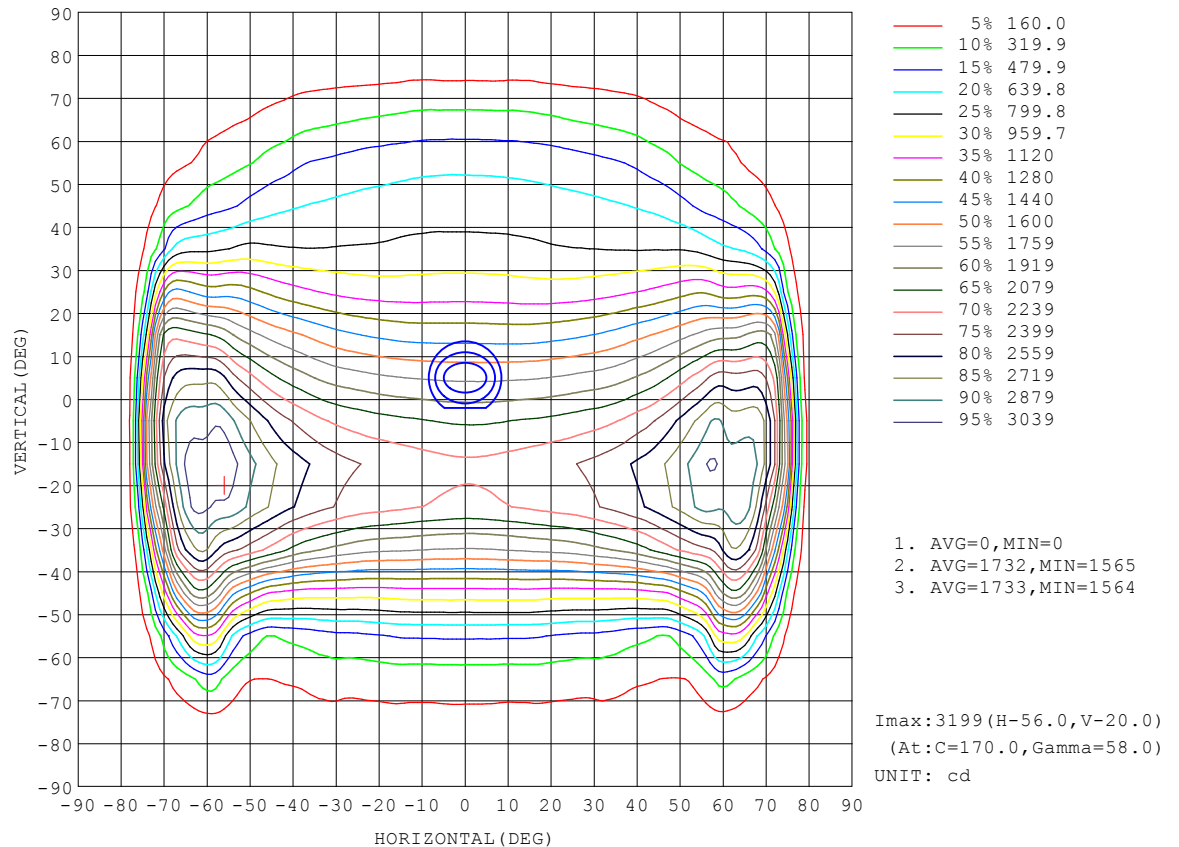
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	Φ lum, lamp
5	1898	2013	2060	2017	1904	1783	1732	1779	0- 5	45.37	45.37	0.74,0.74
10	1909	2138	2223	2147	1920	1669	1567	1662	5- 10	136.0	181.4	2.96,2.96
15	1918	2258	2271	2273	1930	1549	1367	1536	10- 15	225.0	406.4	6.64,6.64
20	1930	2319	2319	2333	1952	1403	1167	1384	15- 20	308.4	714.8	11.7,11.7
25	1961	2384	2203	2393	1987	1255	1045	1227	20- 25	385.2	1100	18,18
30	1987	2373	2087	2374	2022	1133	922.2	1102	25- 30	452.4	1552	25.4,25.4
35	2030	2289	1745	2287	2091	1006	848.4	984.3	30- 35	506.9	2059	33.6,33.6
40	2118	2177	1402	2178	2199	869.2	774.5	857.4	35- 40	544.2	2603	42.5,42.5
45	2241	1856	1047	1852	2353	803.0	724.4	795.2	40- 45	565.0	3168	51.8,51.8
50	2441	1498	692.3	1492	2575	720.1	674.2	720.3	45- 50	569.4	3738	61.1,61.1
55	2658	1010	499.0	1004	2808	645.9	605.4	649.0	50- 55	558.3	4296	70.2,70.2
60	2767	492.3	305.8	488.5	2880	552.6	536.6	561.5	55- 60	532.0	4828	78.9,78.9
65	2683	314.6	232.6	310.7	2847	412.9	373.7	420.8	60- 65	469.3	5297	86.6,86.6
70	2527	190.5	159.4	188.8	2540	261.1	210.8	268.3	65- 70	400.4	5698	93.1,93.1
75	1391	130.9	108.8	131.6	1164	141.5	138.4	142.1	70- 75	280.6	5979	97.7,97.7
80	117.1	79.92	58.23	81.72	76.97	79.84	66.02	78.48	75- 80	107.5	6086	99.4,99.4
85	46.72	21.35	0	22.60	28.93	19.92	0	18.85	80- 85	29.68	6116	99.9,99.9
90	25.94	0	0	0	20.49	0	0	0	85- 90	4.677	6120	100,100
95									90- 95			
100									95-100			
105									100-105			
110									105-110			
115									110-115			
120									115-120			
125									120-125			
130									125-130			
135									130-135			
140									135-140			
145									140-145			
150									145-150			
155									150-155			
160									155-160			
165									160-165			
170									165-170			
175									170-175			
180									175-180			
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2022-08-24

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.351
 Humidity:65.0%
 Test Distance:7.370m [K=1.0000]
 Remarks:

ISOCANDELA DIAGRAM

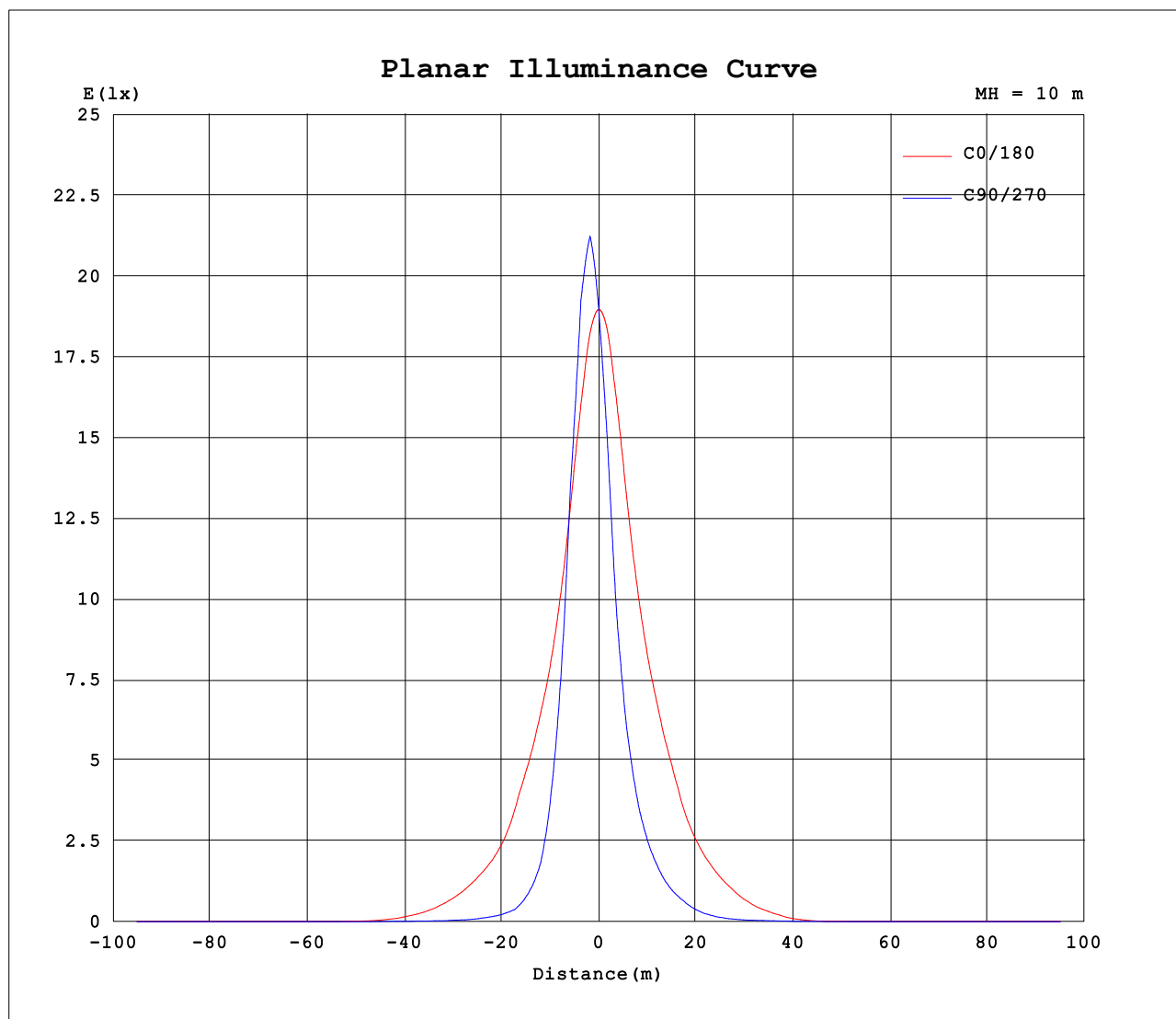
Test:U:220.9V I:0.1910A P:40.64W PF:0.9635 Lamp Flux:6120.33x1 lm		
NAME: OPCITYIII-40W-4070-6C1T2M-0610	TYPE:LED	WEIGHT:
SPEC.:	DIM.: 0.44X0.195X0.04	SERIAL No.:1
MFR.: LUXSUN	SUR.:0.16X0.12	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2022-08-24

γ Range: 0 - 90DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.351
Humidity:65.0%
Test Distance:7.370m [K=1.0000]
Remarks:

Planar Illuminance Curve



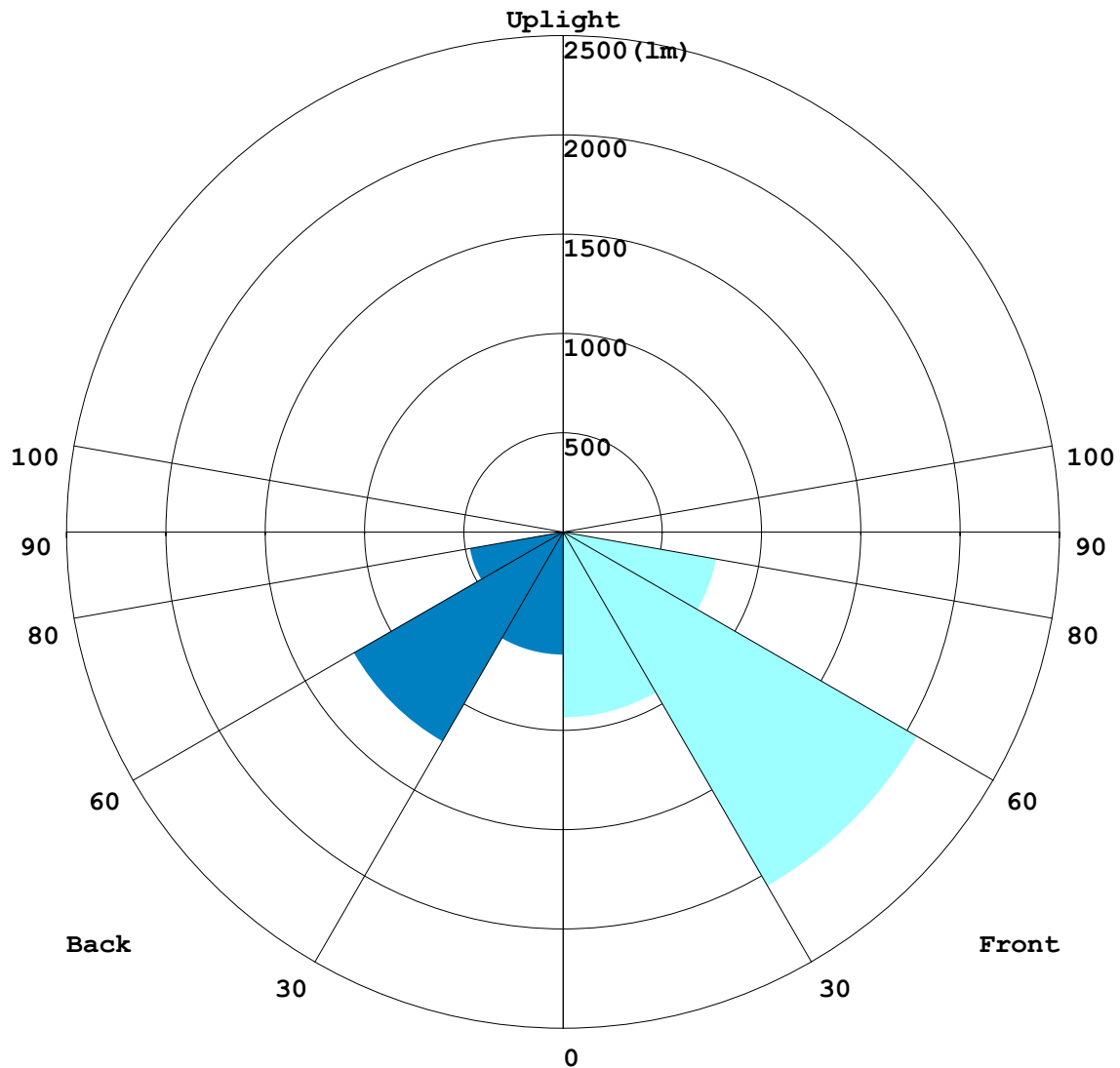
C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators:
Test Date: 2022-08-24

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.351
Humidity: 65.0%
Test Distance: 7.370m [K=1.0000]
Remarks:

LCS REPORT

Test:U:220.9V I:0.1910A P:40.64W PF:0.9635 Lamp Flux:6120.33x1 lm		
NAME: OPCITYIII-40W-4070-6C1T2M-0610	TYPE:LED	WEIGHT:
SPEC.:	DIM.: 0.44X0.195X0.04	SERIAL No.:1
MFR.: LUXSUN	SUR.:0.16X0.12	Shielding Angle:

LUMINAIRE CLASSIFICATION SYSTEM(LCS) GRAPH



C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2022-08-24

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.351
Humidity:65.0%
Test Distance:7.370m [K=1.0000]
Remarks:

BUG REPORT

Test:U:220.9V I:0.1910A P:40.64W PF:0.9635 Lamp Flux:6120.33x1 lm		
NAME: OPCITYIII-40W-4070-6C1T2M-0610	TYPE:LED	WEIGHT:
SPEC.:	DIM.: 0.44X0.195X0.04	SERIAL No.:1
MFR.: LUXSUN	SUR.:0.16X0.12	Shielding Angle:

IESNA Luminaire Flux Distribution Table:

Zone	Lumens	Luminaire %
FL - Front-Low(0-30)	934.69	15.3
FM - Front-Medium(30-60)	2058.1	33.6
FH - Front-High(60-80)	781.88	12.8
FVH - Front-Very High(80-90)	19.988	0.3
Total Forward Light	3794.6	62.0

BL - Back-Low(0-30)	617.71	10.1
BM - Back-Medium(30-60)	1217.7	19.9
BH - Back-High(60-80)	475.9	7.8
BVH - Back-Very High(80-90)	14.369	0.2
Total Back Light	2325.7	38.0

UL - Uplight-Low(90-100)	0	0.0
UH - Uplight-High(100-180)	0	0.0
Total Up Light	0	0.0

BUG(Back,Up,Glare) Rating	B2-U0-G1
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Zone	Downward Lumens	Upward Lumens	Total Lumens
House Side	2325.7	0	2325.7
Street Side	3794.6	0	3794.6

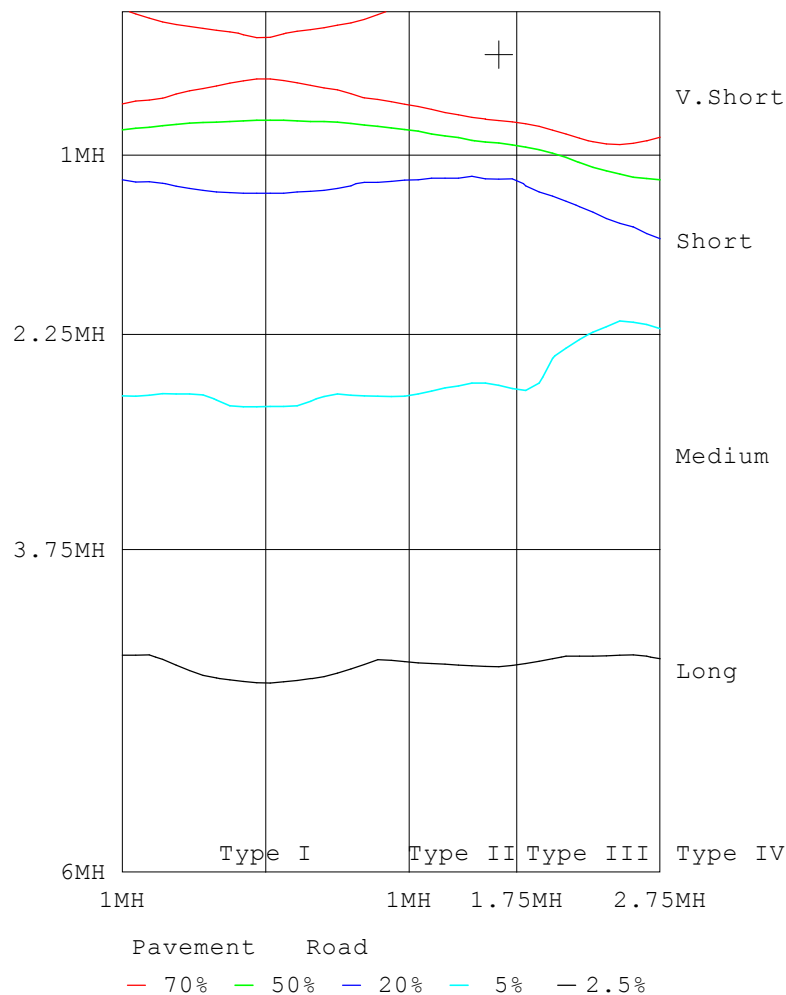
C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2022-08-24

γ Range: 0 - 90DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.351
Humidity:65.0%
Test Distance:7.370m [K=1.0000]
Remarks:

ROAD ISOCANDELA REPORT

Test:U:220.9V I:0.1910A P:40.64W PF:0.9635 Lamp Flux:6120.33x1 lm		
NAME: OPCITYIII-40W-4070-6C1T2M-0610	TYPE:LED	WEIGHT:
SPEC.:	DIM.: 0.44X0.195X0.04	SERIAL No.:1
MFR.: LUXSUN	SUR.:0.16X0.12	Shielding Angle:

ROAD SURFACE ISOCANDELA DIAGRAM



C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2022-08-24

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.351
 Humidity:65.0%
 Test Distance:7.370m [K=1.0000]
 Remarks:

```

γ Range: 0 - 90DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.351
Humidity:65.0%
Test Distance:7.370m [K=1.0000]
Remarks:

```

```

γ Range: 0 - 90DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.351
Humidity:65.0%
Test Distance:7.370m [K=1.0000]
Remarks:

```

```

γ Range: 0 - 90DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.351
Humidity:65.0%
Test Distance:7.370m [K=1.0000]
Remarks:

```

```

γ Range: 0 - 90DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.351
Humidity:65.0%
Test Distance:7.370m [K=1.0000]
Remarks:

```